

Amendments to Claims

Claims 1-9 (cancelled)

Claim 10 (original) An isolated nucleic acid fragment encoding all or a substantial portion of a cyclopropane synthetase comprising a member selected from the group consisting of:

- (a) an isolated nucleic acid fragment encoding all or a substantial portion of the amino acid sequence set forth in SEQ ID NO:4;
- (b) an isolated nucleic acid fragment that is substantially similar to an isolated nucleic acid fragment encoding all or a substantial portion of the amino acid sequence set forth in SEQ ID NO:4; and
- (c) an isolated nucleic acid fragment that is complementary to (a) or (b).

Claim 11 (original) The isolated nucleic acid fragment of Claim 10 wherein the nucleic acid fragment encodes an amino acid sequence that is greater than 80% similar to the amino acid sequence set forth in SEQ ID NO:4.

Claim 12 (original) The isolated nucleic acid fragment of Claim 10 wherein the nucleic acid fragment is complementary to a nucleic acid fragment that encodes an amino acid sequence that is greater than 80% similar to the amino acid sequences set forth in SEQ ID NO:4.

Claim 13 (original) The isolated nucleic acid fragment of Claim 10 wherein the nucleic acid fragment hybridizes under stringent conditions to a nucleic acid fragment that encodes the amino acid sequence set forth in SEQ ID NO:4.

Claim 14 (original) The isolated nucleic acid fragment of Claim 13 wherein the nucleic acid fragment encodes a functional RNA.

Claim 15 (original) The isolated nucleic acid fragment of Claim 10 wherein the nucleotide sequence of the fragment comprises all or a substantial portion of the sequence set forth in SEQ ID NO:3.

Claim 16 (original) A chimeric gene comprising the nucleic acid fragment of Claim 10 operably linked to suitable regulatory sequences.

Claim 17 (original) A transformed host cell comprising the chimeric gene of Claim 16.

Claim 18 (original) A cyclopropane synthetase polypeptide comprising all or a substantial portion of the amino acid sequence set forth in SEQ ID NO:4.

Claims 19-50 (cancelled)